

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| S1 | 39210 | pattern with recogniz\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:47 |
| S2 | 1420 | instance same (HDL VHDL RTL verilog hardware adj description adj language) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:50 |
| S3 | 691 | pattern adj2 tree | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:51 |
| S4 | 6040 | tree with representation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:52 |
| S5 | 310 | candidate same correspond\$4 same instance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:53 |
| S6 | 77 | list same rank same candidate same compar\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:54 |
| S7 | 36 | (iterat\$5 loop\$4 repeat\$4) same compar\$3 same tree same representation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:56 |
| S9 | 1 | S8 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:58 |

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| S10 | 1 | S8 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:58 |
| S11 | 1 | S8 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:58 |
| S12 | 1 | S8 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:58 |
| S13 | 1 | S8 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:58 |
| S14 | 2 | S4 and S5 and S6 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 09:59 |
| S8 | 45 | S1 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:09 |
| S15 | 43 | S1 and S2 and (leaf node parennt child root tree) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:12 |
| S16 | 1 | S15 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:12 |

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| S17 | 1 | S1 and S2 and (leaf node parennt child root tree) and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:12 |
| S18 | 43 | S1 and S2 and (leaf node parennt child root tree) and (iterat\$5 loop\$3 repeat\$4 until again) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 10:14 |
| S20 | 32 | match\$3 with pattern same (RTL HDL hardware adj description adj language) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 16:50 |
| S21 | 23 | match\$3 with pattern same (RTL HDL hardware adj description adj language) and (pin fanin fanout terminal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 16:55 |
| S34 | 98 | match\$3 with pattern with (RTL HDL hardware adj description adj language code) and (pin fanin fanout terminal) and (node leaf root tree hierarch\$7) and synthesi\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 17:09 |
| S36 | 88 | match\$3 with pattern with (RTL HDL hardware adj description adj language code) and (pin fanin fanout terminal) and (node leaf root tree hierarch\$7) and synthesi\$5 and (instance element) and (loop\$3 iterat\$5 repeat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 17:11 |
| S37 | 21 | match\$3 with pattern same (RTL HDL hardware adj description adj language) and (pin fanin fanout terminal) and (node leaf root tree hierarch\$7) and synthesi\$5 and (instance element) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 17:22 |
| S41 | 15 | (search\$3 match\$3 pars\$3) with tree with pattern and (RTL HDL hardware adj description adj language) and (pin fanin fanout terminal) and (node leaf root tree hierarch\$7) and synthesi\$5 and (instance element block cell macro) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 17:47 |

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| S45 | 52502 | (match\$3 pars\$3 search\$3) near4 pattern | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:08 |
| S46 | 29671 | tree and pattern and (circuit design) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:10 |
| S47 | 1320485 | (net fan\$1in fan\$1out terminal port input output) same (list\$3 sort\$3 order) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:14 |
| S48 | 9410 | synthesi\$4 and (HDL RTL verilog register adj transfer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:16 |
| S49 | 3811 | S45 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:16 |
| S50 | 3277 | S47 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:16 |
| S51 | 109 | S49 and S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:17 |
| S52 | 4573 | compar\$3 same topolog\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:18 |

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| S53 | 72818 | priority with high\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:19 |
| S54 | 374 | S52 and S53 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:19 |
| S55 | 1 | S51 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:20 |
| S56 | 109 | S49 and S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:20 |
| S57 | 77 | S49 and S52 and priority | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:22 |
| S58 | 56 | S51 and priority | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:26 |
| S59 | 54 | S51 and priority and element | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:27 |
| S60 | 52 | S51 and priority and element and (iterat\$5 loop\$3 repeat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:32 |

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| S61 | 1 | S51 and compar\$3 with priority | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:33 |
| S62 | 7 | S51 and compar\$3 same priority | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:33 |
| S64 | 12 | pattern with (search\$3 pars\$3 match\$3) and compar\$3 same 32-bit adj2 (ff flip adj flop register adder) and RTL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:37 |
| S65 | 81 | pattern with (search\$3 pars\$3 match\$3) and compar\$3 same 32-bit adj2 (ff flip adj flop register adder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:40 |
| S68 | 14 | pattern with (search\$3 pars\$3 match\$3) and compar\$3 same (rare (32-bit adj2 (ff flip adj flop register adder))) and (RTL HDL) and synthesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/18 20:43 |
| S84 | 195 | tree adj matching | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/22 18:07 |
| S88 | 30 | tree adj matching and pattern and tree and (fan adj2 (out in) terminal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/22 18:27 |
| S90 | 24 | tree with matching and pattern and (fanin fan adj2 (out in) fanout) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 11:52 |

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| S93 | 3900 | tree same matching | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 11:58 |
| S94 | 217058 | pattern same (match\$3 compar\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 11:58 |
| S95 | 104 | (fanin fan adj2 in) and RTL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 11:59 |
| S96 | 2 | S93 and S94 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 12:09 |
| S97 | 1200 | S93 and S94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 12:09 |
| S99 | 7 | S93 and S94 and (priority prefer first select\$4) and (fan adj2 in fan-in) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 12:21 |
| S100 | 7 | S93 and S94 and (priority prefer first) and (fan adj2 in fan-in) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 13:02 |
| S103 | 4 | tree and pattern adj2 matching and (fanin fan-in) and RTL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 13:03 |

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| S10 4 | 33 | tree and pattern same matching and (fanin fan-in) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 13:16 |
| S10 5 | 12 | (rare irregular) same (element node root)same correspond\$3 and (recogniz\$3 match\$3 search\$3) with (pattern tree) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 17:12 |
| S10 9 | 29 | (element node root instance) and (recogniz\$3 match\$3 search\$3) same (pattern tree) and (root child node hierarch\$7) same (level rank) same (sort\$3 list\$3) and RTL and (repeatedly loop\$3 iterat\$5) and synthesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 17:20 |
| S10 8 | 30 | (rare irregular) same (element node root instance)same correspond\$3 and (recogniz\$3 match\$3 search\$3) with (pattern tree) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 17:24 |
| S11 2 | 34 | (rare irregular) same (element node root instance)same priority and (recogniz\$3 match\$3 search\$3) same (pattern tree) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 17:30 |
| S11 3 | 82 | (rare irregular) same (element node root instance) same (chosen select\$3 priority)and (recogniz\$3 match\$3 search\$3) with (pattern tree) and synthesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 17:34 |
| S11 5 | 26 | (fail) same priority same (element node root instance)and (recogniz\$3 match\$3 search\$3) near4 (pattern tree) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 17:38 |
| S11 6 | 32 | (fail rare irregular) same priority same (element node root instance)and (recogniz\$3 match\$3 search\$3) near4 (pattern tree) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/23 17:43 |

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| S11 9 | 607 | 716/7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/24 09:44 |
| S12 0 | 22523 | pattern and tree and match\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/24 09:45 |
| S12 1 | 49 | S119 and S120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/24 09:45 |
| S12 2 | 1026 | 716/18.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/24 10:16 |
| S12 3 | 95 | S120 and S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/24 10:16 |